

LUBRICATION SYSTEM

ON-VEHICLE INSPECTION

1. CHECK ENGINE OIL LEVEL

- Warm up the engine, stop the engine and wait for 5 minutes.
- Check that the engine oil level is between the L and F marks of the oil dipstick.
If low, check for leakage and add oil up to the F mark.

NOTICE:

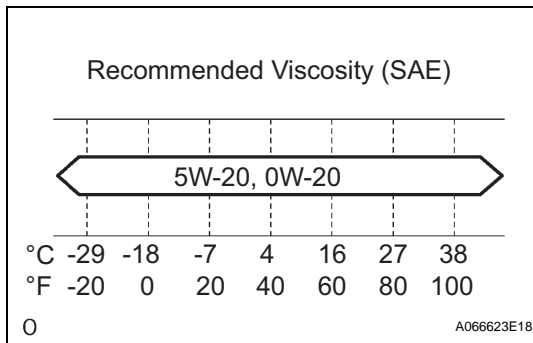
Do not add engine oil above the F mark.

2. CHECK ENGINE OIL QUALITY

- Check the oil for deterioration, water intrusion, discoloration or thinning.
If the quality is visibly poor, replace the oil.

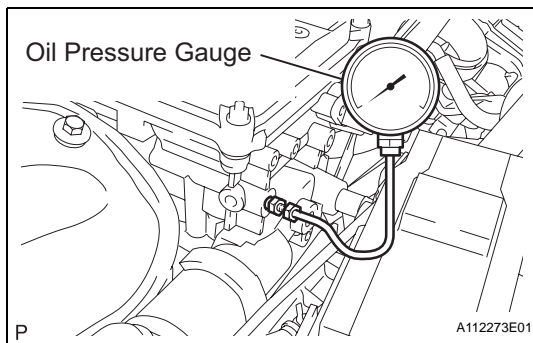
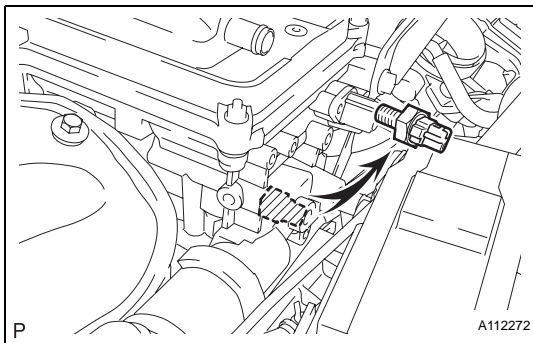
Oil grade:

Use API grade SL "Energy-Conserving" or ILSAC multigrade engine oil. SAE 5W-20 and SAE 0W-20 engine oil may be used. However, SAE 0W-20 is the best choice for good fuel economy and good starting in cold weather.



3. CHECK OIL PRESSURE

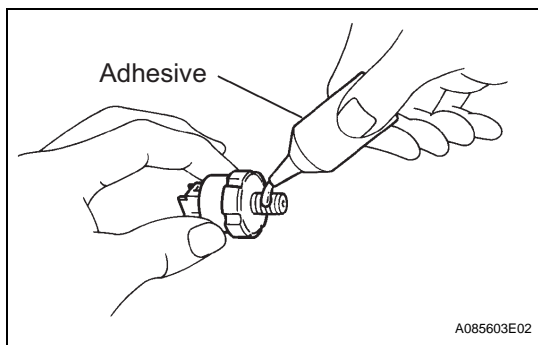
- Disconnect the oil pressure switch connector.
- Using a 24 mm deep socket wrench, remove the oil pressure switch.



- Install the oil pressure gauge.
- Warm up the engine.
- Measure the oil pressure.

Standard oil pressure

| Condition | Specified Condition |
|-----------|--|
| Idle | 29 kPa (0.3 kgf/cm ² , 4.3 psi) or more |
| 3,000 rpm | 160 to 539 kPa (1.6 to 5.5 kgf/cm ² , 23 to 78 psi) |



- (f) Apply adhesive to 2 or 3 threads of the oil pressure switch.

Adhesive:

TOYOTA Genuine Adhesive 1344, Three Bond 1344 or Equivalent

- (g) Using a 24 mm deep socket wrench, install the oil pressure switch.

Torque: 15 N*m (153 kgf*cm, 11 ft.*lbf)

NOTICE:

Do not start the engine within 1 hour of installation.

- (h) Connect the oil pressure switch connector.
(i) Check for engine oil leakage.